

Tentative Course Schedule for Chem 309 – Fall 13
Dianne Bennett's Section at SCC

Date		Chapt	Lecture Topic	Lab Topic	Comments
8/26	M	1	Intro & Atomic Structure	Intro/Lab Safety/Locker check-in	
8/28	W	1	Atomic & Electronic Structure	Intro/Lab Safety/Locker check-in	
9/2	M		Labor Day Holiday	Labor Day Holiday	
9/4	W	2	Ionic Cpds	Lab: Matter & Measurements	*Q#1
9/9	M	2	Covalent Cpds & Lewis Structures	Lab: Matter & Measurements	
9/11	W	3	Shapes/Polarity/IMFs	Optional help w/ conversions	Q#2
9/16	M	5	Solutions and the Mole	Lab: Steam Distill. of Orange Oil**	Q#3
9/18	W	5	Solutions/Osmosis/Dialysis	Lab: Steam Distill of Orange Oil**	
9/23	M	4	Solids, Liquids & Gases	Lab: Sol'ns Osmosis Dialysis	
9/25	W	6	Hydrocarbons & Structure	Lab: Sol'ns Osmosis Dialysis	
9/30	M		Exam #1 covers Chapters 1 through 5	Wksp: Covalent Cpds & Funct Grps	*E #1 (200pts)
10/2	W	6	Hydrocarbons & Structure	Wksp: Covalent Cpds & Funct Grps	
10/7	M	7	Organic Functional Groups	Wksp: Funct Grps	Q#5
10/9	W	7	Organic Functional Groups	Wksp: Funct Grps	
10/14	M	8	Chemical Reaction Basics	Lab: Chemical Reaction Basics	Q#6
10/16	W	9	Acids, Bases, pH & Buffers	Lab: Chemical Reaction Basics	
10/21	M	9	Acids, Bases, pH & Buffers	Lab: Acids, Bases, pH & Buffers	Q#7
10/23	W	10	Rxns of Organic Funct. Grps	Lab: Acids, Bases, pH & Buffers	
10/28	M	10	Rxns of Organic Funct. Grps	Lab: Redox Reactions	Q#8
10/30	W	11	Proteins: Structure & Function	Lab: Redox Reactions	
11/4	M		Exam #2 covers Ch 6 through 10	Molecular Portfolio	E #2 (250 pts)
11/6	W	11	Enzymes	Molecular Portfolio	
11/11	M		Holiday	Wksp: Enzymes Metabolic Cycles	Q#9
11/13	W	12	Carbohydrates: Struct & Function	Wksp: Enzymes Metabolic Cycles	
11/18	M	12	Carbohydrates: Struct & Function	Lab: Essent. Cond. Enzyme Lactase	Q#10
11/20	W	13	Lipids: Structure & Function	Lab: Essent. Cond. Enzyme Lactase	
11/25	M	13	Lipids: Structure & Function	Lab: Carbohydrate Reactions	Q#11
11/27	W	14	Metabolism & Bioenergetics	Lab: Carbohydrate Reactions	
12/2	M	14	Metabolism & Bioenergetics	Lab: Saponification***	BQ****
12/4	W	15	Nucleic Acids	Lab: Saponification***	
12/9	M		Exam #3	Molec Portfolio/Locker Check-out	E#3 (250 pts)
12/11	W	16	Nuclear Chemistry & Medicine	Molec Portfolio/Locker check-out	
12/16	M		Final Exam***** (2:45 to 4:45 pm)		Final (300 pts)